

# Converting Colors

Hex(81848B)

Have a look what the booklet for  
Hex(81848B) contains.

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# Color

**Hex(81848B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81848B
RGB	129, 132, 139
RGB Percent	51%, 52%, 55%
CMY	0.4941, 0.4824, 0.4549
CMYK	0.07, 0.05, 0.00, 0.45
HSL	222°, 4%, 53%
HSV	222°, 7%, 55%
XYZ	21.9647, 23.0337, 27.7144
YIQ	131.9010, -4.0350, 1.5410

# Conversions

## Conversions Part 2

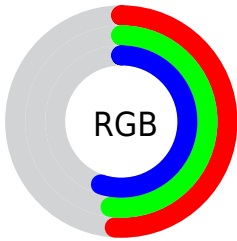
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 131, 139
Decimal	8488075
CIE Lab	55.11, 0.33, -4.15
CIE LCh	55, 4.164, 274.613
Yxy	23.0337, 0.3021, 0.3168
Android (android.graphics.Color)	4286678155 (0xFF81848B)
YUV	131.9010, 3.4998, -2.5442
Hunter-Lab	47.9935, -2.2962, -0.6423

# Details

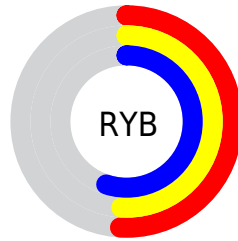
The Hex color **81848B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B8881**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B6B9C0**, and **505359** is the 20% darker color. If you saturate the color by 10%, you get **737A8B**, and if you desaturate by 10%, it is **8F8E8B**.

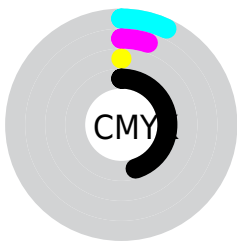
# Distribution



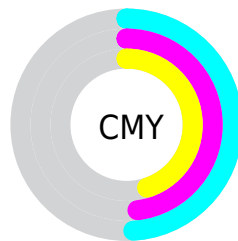
- Red (51%)
- Green (52%)
- Blue (55%)



- Red (51%)
- Yellow (51%)
- Blue (55%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (48%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81848B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 81848B by changing the saturation by 10% instead.





81848B



81848B

FFFFFF



686B72



B6B9C0



505359



D1D5DC



393C42



EEF1F9



23262C



0E1117



000000



81848B



81848B



737A8B



8F8E8B



65718B



9D978B

■ 57678B

■ ABA18B

■ 495D8B

■ B9AB8B

■ 3B538B

■ C6B58B

■ 2E4A8B

■ D4BE8B

■ 20408B

■ E2C88B

■ 12368B

■ F0D28B

■ 042C8B

■ FEDC8B

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7D858A



81848B



85838A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81848B



8C8280



7E8681

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81848B



8B8881

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82857E



81848B



8A837D

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81848B



8C8283



86847D



7C8684

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81848B



888288



86847D



808680



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81848B



B1B3B5



818B88



5A5B5C



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81848B



A5AAB5



83818B



3E4045



002885



000205



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8B8184



B5A5AA



898B81



453E40



850028



050002



# Previews

## White Background



This preview shows how the Hex color 81848B looks on a white background.

## Color Contrast Check

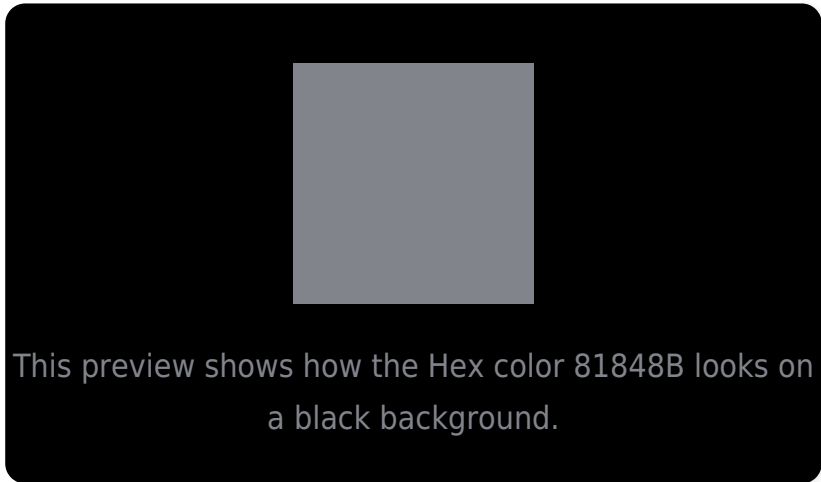
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

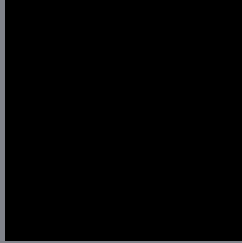
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

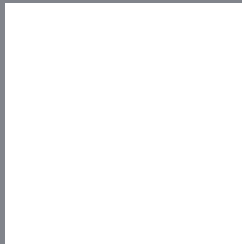
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 81848B Background



This preview shows how black text looks on a background with the Hex color 81848B.



This preview shows how white text looks on a background with the Hex color 81848B.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
81848B

**Protanopia**  
84838A

**Deuteranopia**  
8D808C



**Tritanopia**  
81848E

# Trichromacy



**Original Color**  
81848B

**Protanomaly**  
83838A

**Deuteranomaly**  
89818C

**Tritanomaly**  
81848D

# Monochromacy



**Original Color**  
81848B

**Achromatopsia**  
848484

**Achromatomaly**  
838487

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81848B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #81848B looks like.

```
.text, #text, p{  
    color:#81848B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #81848B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81848B
}
```

## Border

The CSS property to change the border of an element to Hex 81848B is called "border". The border property can be set on classes, ids or directly on the HTML element.

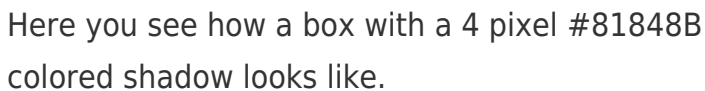
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81848B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#81848B }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #81848B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81848B; -webkit-box-shadow:4px 4px  
4px 4px #81848B; box-shadow:4px 4px 4px  
4px #81848B }
```

# Background

The CSS property to change the background color of an element to Hex 81848B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81848B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#81848B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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